

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1491	380/277	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 19:13
S2	2	LAIN-ANTONIO.in. TAYLOR-RICHARD.in. TOFTS-CHRISTOPHER.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 19:15
S3	159	LAIN-ANTONIO.in. TAYLOR-RICHARD.in. TOFTS-CHRISTOPHER.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 19:15
S4	99	S3 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 19:41
S5	8	"6236971".pn. "20020031230" "6301658". pn. "6397329".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 19:29
S6	20	((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/03/25 19:52
S7	10	S6 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 19:59
S8	395	((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:54

		\$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (\$4Hierar\$7 or \$4Tree \$4) (\$4paren\$4 or \$4Child \$5 or \$4Ances\$4)				
S9	10	( ((Revok\$4 or Revocat\$5) with Key\$2).ti. or ((Revok \$4 or Revocat\$5) with Key \$2).ab. ) ((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commere \$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class \$2) (\$4Client\$3 or \$4User \$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (\$4Hierar\$7 or \$4Tree \$4) (\$4paren\$4 or \$4Child \$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 19:58
S10	5	S9 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:48
S11	49	("4200770"   "4218582"   "4309569"   "4326098"   "4881264"   "4926480"   "4943707"   "5003597"   "5016274"   "5136646"   "5136647"   "5157726"   "5231666"   "5261002"   "5315657"   "5340969"   "5396624"   "5420927"   "5432852"   "5434919"   "5450493"   "5497422"   "5537475"   "5544322"   "5551027"   "5604804"   "5606617"   "5610982"   "5615268"   "5659616"   "5677955"   "5687235"   "5699431"   "5717757"   "5717758"   "5748738"   "5774552"   "5826262"   "Re34954").PN. OR ("6097811").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/25 20:02

S12	49	S11 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:11
S13	20	S1 ((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commmerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:20
S14	7	S13 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:24
S15	0	((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commmerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/03/25 20:22

S16	7	((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/03/25 20:25
S17	4	S16 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:28
S18	104	( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. or ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:18

S19	17	S1 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. or ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commere\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:42
S20	11	S19 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 20:42
S21	16	("20020090090"   "20040202328"   "5241597"   "5675649"   "5748736"   "5812670"   "6084969"   "6098056"   "6138119"   "6222923"   "6247127"   "6285991"   "6397329"   "6560340"   "6629243"   "6684331"). PN. OR ("7039803").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/03/25 20:32
S22	15	S21 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:09
S23	1	S22 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. or ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commere\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:08

		or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (\$4Hierar\$7 or \$4Tree \$4 or \$4paren\$4 or \$4Child \$5 or \$4Ances\$4)				
S24	11	(US-20030149668-\$ or US- 20040017916-\$ or US- 20030115466-\$ or US- 20020007454-\$).did. or (US-6236971-\$ or US- 6397329-\$ or US-6097811- \$ or US-7068789-\$ or US- 7039803-\$ or US-7028181- \$ or US-6609116-\$).did.	US-PGPUB; USPAT	AND	ON	2007/03/25 20:43
S25	7	((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif \$8)) (Cost\$3 or Economic \$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Hierar \$7 or \$4Tree\$4 or \$4paren \$4 or \$4Child\$5 or \$4Ances \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/03/25 21:11
S26	4	S25 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:12
S27	225	( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif \$8)) same (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4) ) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group \$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:11

S28	23	S1 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) same (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4) ) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:11
S29	14	S28 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:15
S30	49140	"705".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:17
S31	6	S30 S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:17
S32	5	S31 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:20
S33	20	S30 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. or ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:34

S34	16	S33 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:25
S35	96771	"726".clas. or "713".clas. or "380".clas. or "705". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/25 21:24
S36	5	((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif \$8)) and (Cost\$3 or Economic\$4 or Commerc \$4 or pay) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:25
S37	5	S36 ( ((Revok\$4 or Revocat \$5) with (Key\$2 or \$4Certif \$8)) and (Cost\$3 or Economic\$4 or Commerc \$4 or pay) ).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:28
S38	3	S37 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:48
S39	4	S36 ( ((Revok\$4 or Revocat \$5) with (Key\$2 or \$4Certif \$8)) and (Cost\$3 or Economic\$4 or Commerc \$4 or pay) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:28
S40	3	S39 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:29
S41	1	S36 ( ((Revok\$4 or Revocat \$5) with (Key\$2 or \$4Certif \$8)) with (Cost\$3 or Economic\$4 or Commerc \$4 or pay) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:29
S42	5	S36 ( ((Revok\$4 or Revocat \$5) with (Key\$2 or \$4Certif \$8)) with (Cost\$3 or Economic\$4 or Commerc \$4 or pay) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:28
S43	3	S42 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:30



S44	4	S35 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) with (Cost\$3 or Economic\$4 or Commmerc\$4 or pay) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:32
S45	2	S44 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:35
S46	4	S35 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commmerc\$4 or pay) ).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:32
S47	93	S35 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. or ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commmerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:35
S48	55	S47 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:36
S49	24	S35 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ti. ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)).ab. ) ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commmerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:46

		or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (\$4Hierar\$7 or \$4Tree \$4 or \$4paren\$4 or \$4Child \$5 or \$4Ances\$4)				
S50	18	S49 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:36
S51	17	(US-20030149668-\$ or US- 20040017916-\$ or US- 20030115466-\$ or US- 20020007454-\$ or US- 20020104001-\$).did. or (US-6236971-\$ or US- 6397329-\$ or US-6097811- \$ or US-7068789-\$ or US- 7039803-\$ or US-7028181- \$ or US-6609116-\$ or US- 6789068-\$ or US-7010125- \$ or US-6775782-\$ or US- 6487658-\$).did. or (US- 6438690-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/25 21:37
S52	5	S50 S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:39
S53	5	S51 S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:39
S54	13	S50 not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:39

S55	1237	S35 ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) (Cost\$3 or Economic\$4 or Commerc\$4 or pay) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:47
S56	27	S35 ( ((Revok\$4 or Revocat\$5) with (Key\$2 or \$4Certif\$8)) same (Cost\$3 or Economic\$4 or Commerc\$4 or pay) same (Group\$4 or Categor\$4 or Type or Class\$2) same (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) ) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:47
S57	13	S56 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/25 21:49
S58	20	(US-20030149668-\$ or US-20040017916-\$ or US-20030115466-\$ or US-20020007454-\$ or US-20020104001-\$ or US-20040064691-\$ or US-20020046337-\$).did. or (US-6236971-\$ or US-6397329-\$ or US-6097811-\$ or US-7068789-\$ or US-7039803-\$ or US-7028181-\$ or US-6609116-\$ or US-6789068-\$ or US-7010125-\$ or US-6775782-\$ or US-6487658-\$ or US-6044462-	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/25 21:52

		\$.did. or (US-6438690-\$). did.				
S59	6	S58 ((Revok\$4 or Revocat\$5) Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:03
S60	38	((Rank\$3 or Grad\$3 or Level) near2 Servic\$3) same (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) ) ((Revok\$4 or Revocat\$5) Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:44
S61	9	S60 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:16

S62	2	((Rank\$3 or Grad\$3 or Level) near2 Servic\$3) same (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) same (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) ) ( ((Revok\$4 or Revocat\$5) with Key\$2) same (Invalidat\$5 or Ineligib\$4 or Policy\$4) same (Group\$4 or Categor\$4 or Type or Class\$2) ) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:51
S63	0	S62 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:57
S64	0	((Rank\$3 or Grad\$3 or Level) near2 Servic\$3) same (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) same (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) ) ( ((Revok\$4 or Revocat\$5) with Key\$2) same (Invalidat\$5 or Ineligib\$4 or Policy\$4) same (Group\$4 or Categor\$4 or Type or Class\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/03/26 15:50
S65	85	((Rank\$3 or Grad\$3 or Level) with Servic\$3) (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) ) ( ((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Group\$4 or Categor\$4 or Type or Class\$2) ) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:52

		\$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (\$4Hierar\$7 or \$4Tree \$4) (\$4paren\$4 or \$4Child \$5 or \$4Ances\$4)				
S66	96771	"726".clas. or "713".clas. or "380".clas. or "705". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 15:55
S67	37	S65 S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 15:55
S68	12	S67 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 16:40
S69	25	(US-20030149668-\$ or US- 20040017916-\$ or US- 20030115466-\$ or US- 20020007454-\$ or US- 20020104001-\$ or US- 20040064691-\$ or US- 20020046337-\$ or US- 20020075844-\$ or US- 20020029337-\$).did. or (US-6397329-\$ or US- 6236971-\$ or US-6487658- \$ or US-6775782-\$ or US- 7068789-\$ or US-6097811- \$ or US-7039803-\$ or US- 7028181-\$ or US-6609116- \$ or US-7010125-\$ or US- 6789068-\$ or US-6044462- \$ or US-7194426-\$ or US- 7177839-\$ or US-6496858- \$).did. or (US-6438690-\$). did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/26 16:31
S70	25	S69 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 16:40

S71	905	(Revok\$4 or Revocat\$5) Key\$2 (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Rank\$3 or Grad\$3 or Level) Servic\$3 (Pay\$3 or Bill\$3 or Fee\$3 or Subscri \$7) (Group\$4 or Categor \$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Hierar \$7 or \$4Tree\$4) (\$4paren \$4 or \$4Child\$5 or \$4Ances \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 19:10
S73	96771	"726".clas. or "713".clas. or "380".clas. or "705". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 19:13
S74	96771	S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 19:13
S75	550	S71 S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 19:14
S76	25	(US-20030149668-\$ or US- 20040017916-\$ or US- 20030115466-\$ or US- 20020007454-\$ or US- 20020104001-\$ or US- 20040064691-\$ or US- 20020046337-\$ or US- 20020075844-\$ or US- 20020029337-\$).did. or (US-6397329-\$ or US- 6236971-\$ or US-6487658- \$ or US-6775782-\$ or US- 7068789-\$ or US-6097811- \$ or US-7039803-\$ or US- 7028181-\$ or US-6609116- \$ or US-7010125-\$ or US- 6789068-\$ or US-6044462- \$ or US-7194426-\$ or US- 7177839-\$ or US-6496858- \$).did. or (US-6438690-\$). did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/26 19:15

S77	25	S76 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 19:15
S78	8	S75 S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/26 19:16
S79	909	(Revok\$4 or Revocat\$5) Key\$2 (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Rank\$3 or Grad\$3 or Level) Servic\$3 (Pay\$3 or Bill\$3 or Fee\$3 or Subscri \$7) (Group\$4 or Categor \$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Hierar \$7 or \$4Tree\$4) (\$4paren \$4 or \$4Child\$5 or \$4Ances \$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 21:46
S80	96861	"726".clas. or "713".clas. or "380".clas. or "705". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/27 18:09
S81	96861	S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 18:09
S82	551	S79 S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 18:09
S83	25	(US-20030149668-\$ or US- 20040017916-\$ or US- 20030115466-\$ or US- 20020007454-\$ or US- 20020104001-\$ or US- 20040064691-\$ or US- 20020046337-\$ or US- 20020075844-\$ or US- 20020029337-\$).did. or (US-6397329-\$ or US- 6236971-\$ or US-6487658- \$ or US-6775782-\$ or US- 7068789-\$ or US-6097811- \$ or US-7039803-\$ or US-	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/27 18:09



		7028181-\$ or US-6609116-\$ or US-7010125-\$ or US-6789068-\$ or US-6044462-\$ or US-7194426-\$ or US-7177839-\$ or US-6496858-\$).did. or (US-6438690-\$).did.				
S84	25	S83 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 18:09
S85	8	S82 S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 18:09
S86	17	S83 not S85	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 18:16
S87	17	(US-20030149668-\$ or US-20020029337-\$ or US-20020007454-\$ or US-20020046337-\$ or US-20030115466-\$ or US-20040017916-\$ or US-20040064691-\$).did. or (US-6487658-\$ or US-7177839-\$ or US-6044462-\$ or US-6097811-\$ or US-6397329-\$ or US-6789068-\$ or US-7010125-\$ or US-7028181-\$ or US-7039803-\$).did. or (US-6438690-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/27 18:24
S88	15	(US-20030149668-\$ or US-20020029337-\$ or US-20020007454-\$ or US-20030115466-\$ or US-20040017916-\$ or US-20040064691-\$).did. or (US-6487658-\$ or US-7177839-\$ or US-6044462-\$ or US-6097811-\$ or US-6397329-\$ or US-6789068-\$ or US-7028181-\$ or US-7039803-\$).did. or (US-6438690-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/27 18:33

S89	2	"5717758".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 21:29
S90	16	(US-20030149668-\$ or US-20020029337-\$ or US-20020007454-\$ or US-20030115466-\$ or US-20040017916-\$ or US-20040064691-\$).did. or (US-6487658-\$ or US-7177839-\$ or US-6044462-\$ or US-6097811-\$ or US-6397329-\$ or US-6789068-\$ or US-7028181-\$ or US-7039803-\$ or US-5717758-\$).did. or (US-6438690-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2007/03/27 21:46
S91	4	S90 (Revok\$4 or Revocat\$5) Key\$2 (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Rank\$3 or Grad\$3 or Level) Servic\$3 (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/27 21:48
S92	76	(Key\$2).ti. (Key\$2).ab. ( (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4 or \$4brach\$4 or Leaf\$4) with (Organiz\$6 or \$4Structur\$4 or \$4Group\$4 or \$4Categor\$4 or Type\$4 or \$4Class\$2 or \$4domain\$4 or \$4realm\$4 or \$4Zone\$4 or boundary\$4 or Rank\$3 or Grad\$3 or Level) with (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) with (Servic\$3 or Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7 or \$4revenu\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 18:11

		or \$4transact\$4 or \$4Charge\$4 or Cost\$3 or Economic\$4 or Commere \$4 or Valu\$4) with Key\$2 )				
S93	39	S92 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 18:14
S94	274	(Key\$2).ti. (Key\$2).ab. ( (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4 or \$4brach \$4 or Leaf\$4) same (Organiz\$6 or \$4Structur \$4 or \$4Group\$4 or \$4Categor\$4 or Type\$4 or \$4Class\$2 or \$4domain\$4 or \$4realm\$4 or \$4Zone\$4 or boundary\$4 or Rank\$3 or Grad\$3 or Level) same (\$4Node\$3 or \$4Workstat \$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) same (Servic\$3 or Pay \$3 or Bill\$3 or Fee\$3 or Subscri\$7 or \$4revenu\$4 or \$4transact\$4 or \$4Charge\$4 or Cost\$3 or Economic\$4 or Commere \$4 or Valu\$4) same Key \$2 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 18:17
S95	16	(US-20030149668-\$ or US- 20020029337-\$ or US- 20020007454-\$ or US- 20030115466-\$ or US- 20040017916-\$ or US- 20040064691-\$).did. or (US-6487658-\$ or US- 7177839-\$ or US-6044462- \$ or US-6097811-\$ or US- 6397329-\$ or US-6789068- \$ or US-7028181-\$ or US- 7039803-\$ or US-5717758- \$).did. or (US-6438690-\$). did.	US-PGPUB; USPAT; DERWENT	AND	ON	2008/03/29 18:22
S96	2	"7043024".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 18:32

S97	39	("5404514"   "5551027"   "5619709"   "5623679"   "5623681"   "5706365").PN. OR ("5852822").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 18:58
S98	36	S97 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 18:59
S99	2	"5752243".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:10
S100	7	(US-20020073311-\$).did. or (US-7149894-\$ or US-7043024-\$ or US-6222923-\$ or US-5852822-\$ or US-5752243-\$).did. or (US-5442784-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2008/03/29 19:10
S101	2	"5442784".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:11
S102	7	(US-20020073311-\$).did. or (US-7149894-\$ or US-7043024-\$ or US-6222923-\$ or US-5852822-\$ or US-5752243-\$ or US-5442784-\$).did.	US-PGPUB; USPAT	AND	ON	2008/03/29 19:11
S103	7	S102 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:12
S104	4	("5745574"   "5768519"   "5799096"   "6035402").PN. OR ("7149894").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:12
S105	22	("20020147906"   "5592552"   "5630184"   "5748736"   "6049878"   "6151395"   "6178244"   "6226743"   "6240188"   "6275859"   "6295361"   "6330671"   "6397329"   "6483921"   "6584566"   "6606706"   "6901510"   "6941457").PN. OR ("7043024").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:12

S106	4	("2002/0073311").URPN.	USPAT	AND	ON	2008/03/29 19:12
S107	57	("4613901"   "5220604"). PN. OR ("6222923").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:12
S108	39	("5404514"   "5551027"   "5619709"   "5623679"   "5623681"   "5706365"). PN. OR ("5852822").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:12
S109	53	("4344134"   "4606002"   "4841435"   "5408652"   "5446887"   "5546571"   "5560007"   "5613105"). PN. OR ("5752243").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:13
S110	56	("3670310"   "4318184"   "4468732"   "4606002"   "4611298"   "4631664"   "4817036"   "4817050"   "4829427"   "4939689"   "4961139"   "5201047"   "5201048"   "5237678"). PN. OR ("5442784").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 19:13
S111	230	S104 S105 S106 S107 S108 S109 S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/29 19:13
S112	4	S94 S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:14
S113	3	S112 @ad< "20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:15
S114	1405	380/277.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:21
S115	41	S94 S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:21

S116	27	S115 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 19:22
S117	9	(US-20020073311-\$).did. or (US-7149894-\$ or US- 7043024-\$ or US-6222923- \$ or US-5852822-\$ or US- 5752243-\$ or US-5442784- \$ or US-7269257-\$ or US- 7092527-\$).did.	US-PGPUB; USPAT	AND	ON	2008/03/29 19:59
S118	9	S117 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 20:00
S119	7	S118 (Key\$2).ti. (Key\$2). ab. ( (\$4Hierar\$7 or \$4Tree \$4 or \$4paren\$4 or \$4Child \$5 or \$4Ances\$4 or \$4brach\$4 or Leaf\$4) (Organiz\$6 or \$4Structur \$4 or \$4Group\$4 or \$4Categor\$4 or Type\$4 or \$4Class\$2 or \$4domain\$4 or \$4realm\$4 or \$4Zone\$4 or boundary\$4 or Rank\$3 or Grad\$3 or Level) (\$4Node\$3 or \$4Workstat \$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) (Servic\$3 or Pay\$3 or Bill\$3 or Fee\$3 or Subscri \$7 or \$4revenu\$4 or \$4transact\$4 or \$4Charge \$4 or Cost\$3 or Economic \$4 or Commerc\$4 or Valu \$4) Key\$2 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 20:00
S120	57	("4613901"   "5220604"). PN. OR ("6222923").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/03/29 20:13
S121	2	"7039803".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:21

S122	2	"20020029337"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:21
S123	0	S94 (dummy blank placebo null) near key\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:36
S124	0	S94 ((dummy blank placebo null) with key\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:38
S125	0	S114 ((dummy blank placebo null) with key\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:39
S126	10	S94 ((dummy or blank or placebo or null) near key \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:40
S127	3	S126 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:41
S128	24	S114 ((dummy or blank or placebo or null) near key \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:44
S129	16	S128 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:45
S130	39	S114 ((dummy or blank or placebo or null) near2 key \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:51

S131	28	S130 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:51
S132	12	S131 not S129	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:52
S133	198	((dummy or blank or placebo or null) near3 key \$2) ( (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4 or \$4brach\$4 or Leaf\$4) same (Organiz\$6 or \$4Structur\$4 or \$4Group \$4 or \$4Categor\$4 or Type \$4 or \$4Class\$2 or \$4domain\$4 or \$4realm\$4 or \$4Zone\$4 or boundary \$4 or Rank\$3 or Grad\$3 or Level) same (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) same (Servic\$3 or Pay \$3 or Bill\$3 or Fee\$3 or Subscri\$7 or \$4revenu\$4 or \$4transact\$4 or \$4Charge\$4 or Cost\$3 or Economic\$4 or Commerc \$4 or Valu\$4) same Key \$2 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 21:55
S134	59989	"380".clas. "726".clas. "713".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/29 22:01
S135	28	S133 S134	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 22:01



S136	16	S135 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 22:02
S137	4	((dummy or blank or placebo or null) near3 key \$2).ab. ( (\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4 or \$4brach\$4 or Leaf\$4) same (Organiz\$6 or \$4Structur\$4 or \$4Group\$4 or \$4Categor\$4 or Type\$4 or \$4Class\$2 or \$4domain\$4 or \$4realm\$4 or \$4Zone\$4 or boundary\$4 or Rank\$3 or Grad\$3 or Level) same (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) same (Servic\$3 or Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7 or \$4revenu\$4 or \$4transact\$4 or \$4Charge\$4 or Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) same Key\$2 )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 22:33
S138	3	S137 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 22:37
S139	99	S133 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/29 22:39
S140	10	(US-20020073311-\$).did. or (US-7149894-\$ or US-7043024-\$ or US-6222923-\$ or US-5852822-\$ or US-5752243-\$ or US-5442784-\$ or US-7269257-\$ or US-7092527-\$ or US-7155611-\$).did.	US-PGPUB; USPAT	AND	ON	2008/03/29 23:25

S141	10	(US-20020073311-\$).did. or (US-7149894-\$ or US-7043024-\$ or US-6222923-\$ or US-5852822-\$ or US-5752243-\$ or US-5442784-\$ or US-7269257-\$ or US-7092527-\$ or US-7155611-\$).did.	US-PGPUB; USPAT	AND	ON	2008/03/30 00:02
S142	1	S141 ((dummy or blank or placebo or null) near3 key \$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/30 00:03
S143	10	(US-20020073311-\$).did. or (US-7149894-\$ or US-7043024-\$ or US-6222923-\$ or US-5852822-\$ or US-5752243-\$ or US-5442784-\$ or US-7269257-\$ or US-7092527-\$ or US-7155611-\$).did.	US-PGPUB; USPAT	AND	ON	2008/12/03 16:58
S144	107	380/264.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 16:59
S147	243	713/158.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:01
S148	1071	713/171.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:01
S149	1401	S144 S147 S148	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 17:02

S150	4	((Rank\$3 or Grad\$3 or Level) near2 Servic\$3) same (Pay\$3 or Bill\$3 or Fee\$3 or Subscri\$7) same (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) ) ( ((Revok\$4 or Revocat\$5) with Key\$2) same (Invalidat\$5 or Ineligib\$4 or Policy\$4) same (Group\$4 or Categor\$4 or Type or Class\$2) ) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:02
S151	563	((Revok\$4 or Revocat\$5) with Key\$2) (Invalidat\$5 or Ineligib\$4 or Policy\$4) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:02
S152	39	S149 S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:16
S153	18	S152 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:17

S154	2838	((Invalidat\$5 or Ineligib\$4 or Policy\$4 or Revok\$4 or Revocat\$5) with Key\$2) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:19
S155	106	S149 S154	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:21
S156	47	S155 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:21
S157	3	((Invalidat\$5 or Ineligib\$4 or Policy\$4 or Revok\$4 or Revocat\$5) with Key\$2) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) (\$4Hierar\$7 or \$4Tree\$4) (\$4paren\$4 or \$4Child\$5 or \$4Ances\$4) ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:24

S158	6	( ((Invalidat\$5 or Ineligib\$4 or Policy\$4 or Revok\$4 or Revocat\$5) with Key\$2) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) ((\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4) with key\$2) ).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:25
S160	0	S158 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:25
S161	1614	( ((Invalidat\$5 or Ineligib\$4 or Policy\$4 or Revok\$4 or Revocat\$5) with Key\$2) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client\$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic\$3) ((\$4Hierar\$7 or \$4Tree\$4 or \$4paren\$4 or \$4Child\$5 or \$4Ances\$4) with key\$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:26
S162	193	LAIN-ANTONIO.in. TAYLOR-RICHARD.in. TOFTS-CHRISTOPHER.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/03 17:26

S163	3	S161 S162	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:27
S164	7	("20020031230"   "5457746"   "6236971"   "6301658"   "6397329"   "6658401"   "7124114"). PN. OR ("7415113").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/12/03 17:28
S165	7	S164 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:30
S166	10873	(HEWLETT PACKARD DEVELOPMENT COMPANY). as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2008/12/03 17:32
S167	9	S161 S166	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:33
S168	16	( ((Invalidat\$5 or Ineligib \$4 or Policy\$4 or Revok\$4 or Revocat\$5) with Key\$2) (Cost\$3 or Economic\$4 or Commerc\$4 or Valu\$4) (Group\$4 or Categor\$4 or Type or Class\$2) (\$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4) (\$4Node\$3 or \$4Workstat\$4 or \$4Terminal\$3 or \$4Client \$3 or \$4User\$2 or \$4Subscrib\$4 or \$4Customer\$4 or \$4host\$3 or \$4station\$2 or \$4devic \$3) ((\$4Hierar\$7 or \$4Tree \$4 or \$4paren\$4 or \$4Child \$5 or \$4Ances\$4) with key \$2) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/12/03 17:34
S169	3	S168 @ad<"20021031"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/12/03 17:42

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